

DAISY-MINI-M

~30° wide beam

SPECIFICATION:

| Dimensions | 279.5 x 21.0 mm |
|----------------|-------------------|
| Height | 13.3 mm |
| Fastening | pin, screw, snaps |
| ROHS compliant | yes 🛈 |



MATERIALS:

| Component | Туре | Material | Colour |
|--------------------------------|-------------|----------|--------|
| F17029_DAISY-MINI-M | Linear lens | PMMA | clear |
| F17667_DAISY-MINI-SHD-MET-MATT | Shade | PC | metal |
| F17666_DAISY-MINI-SHD-MET | Shade | PC | metal |
| F17465_DAISY-MINI-SHD-WHT-MATT | Shade | PC | white |
| F17034_DAISY-MINI-SHD-MATT | Shade | PC | black |
| F17033_DAISY-MINI-SHD-WHT | Shade | PC | white |
| F17028_DAISY-MINI-SHD | Shade | PC | black |

| Finish |
|--------|
| |
| matt |
| gloss |
| matt |
| matt |
| gloss |
| gloss |

PRODUCT DATASHEET DAISY-MINI-M

ORDERING INFORMATION:

Quantities for one set:

| Linear lens | 1 |
|-------------|---|
| Shade | 1 |

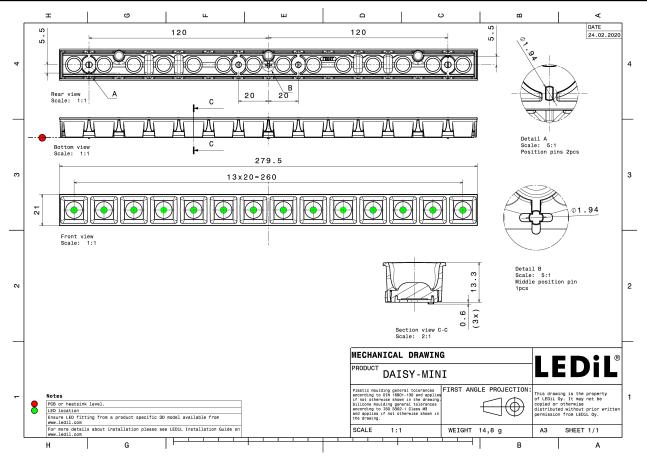


PRODUCT DATASHEET DAISY-MINI-M

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|-------------|------------|-----|-----|-----------------|
| F17029_DAISY-MINI-M » Box size: 398 x 298 x 265 mm | Linear lens | 252 | 252 | 12 | 5.8 |
| F17667_DAISY-MINI-SHD-MET-MATT » Box size: 398 x 298 x 265 mm | Shade | 252 | 252 | 4 | 6.2 |
| F17034_DAISY-MINI-SHD-MATT » Box size: 398 x 298 x 265 mm | Shade | 252 | 252 | 4 | 6.1 |
| F17028_DAISY-MINI-SHD » Box size: 398 x 298 x 265 mm | Shade | 252 | 252 | 4 | 5.9 |
| F17465_DAISY-MINI-SHD-WHT-MATT » Box size: 398 x 298 x 265 mm | Shade | 252 | 252 | 4 | 6.2 |
| F17666_DAISY-MINI-SHD-MET » Box size: 398 x 298 x 265 mm | Shade | 252 | 252 | 4 | 5.9 |
| F17033_DAISY-MINI-SHD-WHT » Box size: 398 x 298 x 265 mm | Shade | 252 | 252 | 4 | 5.9 |



PRODUCT DATASHEET DAISY-MINI-M



See also our general installation guide: <u>www.ledil.com/installation_guide</u>



OPTICAL RESULTS (MEASURED):

| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17667_DAISY | J Series 2835 35.0° / 75.0° 85 % 1.6 cd/lm 1 White Ints: MINI-SHD-MET-MATT | 201 201 201 201 201 201 201 201 |
|--|---|--|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17034_DAISY | Opticus Daisy Mini M L28W2 34.0° / 68.0° 73 % 1.6 cd/lm 1 White | 20 ⁴ 00 07 07 07 07 07 07 07 07 07 07 07 07 |
| Your solution LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17028_DAISY | LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1 58.0° / 87.0° 59 % 0.6 cd/lm 2 White ints: | 200 - 200 - 20 ² |



OPTICAL RESULTS (SIMULATED):

| | | 90° 90° |
|--|---|--|
| LEDS | XQ-E HI | |
| FWHM / FWTM | 30.0° / 72.0° | 75* 75* |
| Efficiency | 80 % | |
| Peak intensity | 1.8 cd/lm | 60° 68° |
| LEDs/each optic | 1 | |
| Light colour | ' White | 43* 63* |
| Required components | | 1200 |
| F17028_DAISY-MI | | |
| 11/020_DAI01-WI | שווס-וא | 0001 |
| | | |
| | | 36° 30° 30° |
| | | 50° |
| LED | XQ-E HI | |
| FWHM / FWTM | 34.0° / 75.0° | 75' |
| Efficiency | 88 % | |
| Peak intensity | 1.8 cd/lm | 60° |
| LEDs/each optic | 1 | |
| Light colour | White | gy |
| Required components | | |
| F17666_DAISY-MI | | |
| _ | | 1630 |
| | | 30. 30. |
| | | 30° 30° 30° |
| | | 50° 50° |
| LED | XQ-E HI | |
| FWHM / FWTM | 32.0° / 72.0° | 25* 25* |
| Efficiency | 78 % | |
| Peak intensity | 1.8 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | a. |
| Required components | | 1220 |
| F17034_DAISY-MI | | |
| | | 1600 |
| | | |
| | | 30" |
| | DS | 30" 235" 0" 25" 30" |
| | | |
| LED | LUXEON HL1Z | 30" 235" 0" 25" 30" |
| LED FWHM / FWTM | LUXEON HL1Z 30.0° / 62.0° | 30" 235" 0" 25" 30" |
| LED FWHM / FWTM Efficiency | LUXEON HL1Z 30.0° / 62.0° 86 % | 30" 235" 0" 25" 30" |
| LED FWHM / FWTM Efficiency Peak intensity | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm | 77 78 78 78 70 70 70 70 70 70 70 70 70 70 70 70 70 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm 1 | 77 78 78 78 70 70 70 70 70 70 70 70 70 70 70 70 70 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm 1 White | 20 ² 20 ² 20 ² 20 ² 20 ² |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm 1 White | a. a. b. a. b. a. b. b. b. b. b. b. b. b. b. b |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm 1 White | a. b. 10 10 10 10 10 10 10 10 10 10 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm 1 White | a. b. 10 10 10 10 10 10 10 10 10 10 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components | LUXEON HL1Z 30.0° / 62.0° 86 % 2.3 cd/lm 1 White | a. b. 10 10 10 10 10 10 10 10 10 10 |



OPTICAL RESULTS (SIMULATED):

| ~ / | | |
|---|---|---|
| ΜΝΙCΗΙΛ | | 90* 90' |
| LED | NCSxE17A | |
| FWHM / FWTM | 30.0° / 62.0° | |
| Efficiency | 87 % | 601 600 - 60 |
| Peak intensity | 2.4 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | e7 a |
| Required components: | | |
| F17028_DAISY-MIN | I-SHD | |
| | | |
| | | 30° 35° 0° 15° |
| Μ ΝΙCΗΙΛ | | 90* 90 |
| LED | NFSWE11A | |
| FWHM / FWTM | 34.0° / 68.0° | |
| Efficiency | 79 % | |
| Peak intensity | 1.7 cd/lm | 800 800 |
| LEDs/each optic | 4 | |
| Light colour | White | 9° (|
| Required components: | | 1690 |
| F17028_DAISY-MIN | I-SHD | |
| | | |
| | | 36° |
| | | |
| | | 15 2460 15 |
| Μ ΝΙCΗΙΛ | | 15° 15° 15° |
| | NFSWE11A | |
| LED | NFSWE11A 26.0° / 55.0° | |
| LED FWHM / FWTM | | |
| ED FWHM / FWTM Efficiency Peak intensity | 26.0° / 55.0° | |
| LED FWHM / FWTM Efficiency Peak intensity | 26.0° / 55.0° 89 % | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 26.0° / 55.0° 89 % 3 cd/lm | 23° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 26.0° / 55.0° 89 % 3 cd/lm 1 | 23° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 26.0° / 55.0° 89 % 3 cd/lm 1 White | 23° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 26.0° / 55.0° 89 % 3 cd/lm 1 White | 27 - 200 27 - 200 200 - 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 26.0° / 55.0° 89 % 3 cd/lm 1 White | 9° - 200 9° - 200 9° - 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN | 26.0° / 55.0° 89 % 3 cd/lm 1 White | 25° 200 5° 200 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD | 75 76 76 76 76 77 77 76 77 77 76 77 77 77 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 | 75 76 76 76 76 77 77 76 77 77 76 77 77 77 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° | 25° 200 5° 200 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % | 75 50 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 100 300 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % 2.8 cd/lm | 75 50 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 95 300 100 300 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % 2.8 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % 2.8 cd/lm | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % 2.8 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % 2.8 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17028_DAISY-MIN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 26.0° / 55.0° 89 % 3 cd/lm 1 White I-SHD Duris E 2835 26.0° / 62.0° 94 % 2.8 cd/lm 1 White | |



OPTICAL RESULTS (SIMULATED):

| SAMSUI | NG | 90* 90 |
|--|--|--|
| LED | LM28xB Series | |
| FWHM / FWTM | 32.8° / 68.0° | 23 |
| Efficiency | 82 % | |
| Peak intensity | 2 cd/lm | 60° |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |
| F17028_DAISY-MIN | | |
| | | |
| | | A A A A A A A A A A A A A A A A A A A |
| | | 30° 2000 300 15° 0° 15° |
| SAMSUI | NG | 90* 90 |
| LED | LM302D | |
| FWHM / FWTM | 28.0° / 62.0° | 73 |
| Efficiency | 91 % | 60 ⁵ 000 600 |
| Peak intensity | 2.5 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | 43 ⁴ 45 |
| Required components: | | |
| F17465_DAISY-MIN | JI-SHD-WHT-MATT | |
| | | 2430 |
| | | 30* 30 |
| 0.0.0.0.0.0.0 | | 125% of 35% |
| SAMSUI | NG | 90* 90 |
| LED | LM302D | |
| FWHM / FWTM | 28.0° / 62.0° | |
| Efficiency | 87 % | 60° 600 |
| Peak intensity | 2.5 cd/lm | |
| | 2.5 64/111 | |
| LEDs/each optic | 1 | |
| LEDs/each optic Light colour | | g. 100 a |
| Light colour Required components: | 1 White | ç. <u>100</u> 5 |
| Light colour | 1 White | g. 100 |
| Light colour Required components: | 1 White | er 100 e |
| Light colour Required components: | 1 White | a. 200 200 200 200 200 200 200 20 |
| Light colour Required components: | 1 White | 5° 10° 10° 10° |
| Light colour Required components: F17028_DAISY-MIN seoul semiconductor | 1 White NI-SHD | ar 100 0 30* 30* 30 39* 30* 30 |
| Light colour Required components: F17028_DAISY-MIN seous semiconductor LED | 1 White NI-SHD SEOUL 3030 | 50° 10° 10° X |
| Light colour Required components: F17028_DAISY-MIN seous semiconductor LED FWHM / FWTM | 1 White NI-SHD SEOUL 3030 26.0° / 60.0° | 20° 20° 20° 20° 20° 20° 20° 20° 20° 20° |
| Light colour Required components: F17028_DAISY-MIN stout semiconductor LED FWHM / FWTM Efficiency | 1 White WI-SHD SEOUL 3030 26.0° / 60.0° 90 % | 32 24 26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27 |
| Light colour Required components: F17028_DAISY-MIN stour semiconductor LED FWHM / FWTM Efficiency Peak intensity | 1 White WI-SHD SEOUL 3030 26.0° / 60.0° 90 % 2.9 cd/lm | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |
| Light colour Required components: F17028_DAISY-MIN SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic | 1 White WI-SHD SEOUL 3030 26.0° / 60.0° 90 % 2.9 cd/lm 1 | 35 35 35 35 35 35 35 35 35 35 |
| Light colour Required components: F17028_DAISY-MIN stout staticonductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 1 White WI-SHD SEOUL 3030 26.0° / 60.0° 90 % 2.9 cd/lm 1 White | 601 27 29 29 29 20 20 20 20 20 20 20 20 20 20 |
| Light colour Required components: F17028_DAISY-MIN stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 1 White NI-SHD SEOUL 3030 26.0° / 60.0° 90 % 2.9 cd/lm 1 White | 40 100 100 100 20 100 100 100 100 20 100 100 100 100 100 |
| Light colour Required components: F17028_DAISY-MIN stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 1 White NI-SHD SEOUL 3030 26.0° / 60.0° 90 % 2.9 cd/lm 1 White | 601 100 100 100 100 100 100 100 |
| Light colour Required components: F17028_DAISY-MIN scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 1 White NI-SHD SEOUL 3030 26.0° / 60.0° 90 % 2.9 cd/lm 1 White | 42 102 4 23 90 2 34 12, |



PRODUCT DATASHEET DAISY-MINI-M

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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